



POWER OF ATTORNEY BY ASSIGNEE TO EXCLUSION OF INVENTOR  
UNDER 37 C.F.R. § 3.71 WITH REVOCATION OF PRIOR POWERS

The undersigned ASSIGNEE of the entire interest in:

- U.S. Patent No. \_\_\_\_\_  
 U.S. Application No. 10/026,362, filed on December 21, 2001

hereby appoints the following attorneys of Peters, Verny, Jones & Schmitt, L.L.P.:

Attorney Name	Reg. No.	Attorney Name	Reg. No.
Howard M. Peters	29,202	Allston L. Jones	27,906
Hana Verny	30,518	Susan M. Schmitt	34,427

and all Peters, Verny, Jones & Schmitt, L.L.P. attorneys registered to practice before the United States Patent and Trademark Office, to prosecute this application and transact all business in the United States Patent and Trademark Office in connection therewith and hereby revokes all prior powers of attorney; said appointment to be the exclusion of the inventors and any of the inventors' prior attorneys in accordance with the provisions of 37 C.F.R. § 3.71.

The following evidentiary documents establish a chain of title from the original owner to the Assignee:

- a copy of an Assignment attached hereto, which Assignment for the parent U.S. application has been (or is herewith) forwarded to the Patent and Trademark Office for recording; or
- the Assignment recorded on \_\_\_\_ at reel \_\_\_, frames \_\_\_\_ - \_\_\_\_.

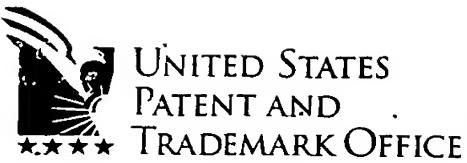
Pursuant to 37 C.F.R. § 3.73(b) the undersigned Assignee hereby states that evidentiary documents have been reviewed and hereby certifies that, to the best of ASSIGNEE's knowledge and belief, title is in the identified ASSIGNEE THE REGENTS OF THE UNIVERSITY OF CALIFORNIA.

Direct all correspondence and telephone calls to:

Howard M. Peters  
 PETERS, VERNY, JONES & SCHMITT, L.L.P.  
 385 Sherman Avenue, Suite 6  
 Palo Alto, CA 94306  
 Telephone: (650) 324-1677  
 Facsimile: (650) 324-1678  
 Customer No.: 23308

ASSIGNEE: The Regents of the University of California  
 University of California  
 Office of Technology Transfer  
 1111 Franklin Street, Fifth Floor  
 Oakland, CA 94607-5200

Name: David J. Aston  
 Print: David J. Aston  
 Title: Patent Manager  
 Date: 2-7-03



AUGUST 19, 2002

PTAS

WILSON SONSINI GOODRICH & ROSATI  
SHIRLEY X. CHEN  
650 PAGE MILL ROAD  
FH 1-2  
PALO ALTO, CA 94304-1050

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)



\*102129571A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF  
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS  
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER  
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE  
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA  
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD  
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY  
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.  
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY;  
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/31/2002

REEL/FRAME: 012996/0245  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

SANTARSIERO, BERNARD D.

DOC DATE: 04/01/2002

ASSIGNOR:

REGENTS OF THE UNIVERSITY OF  
CALIFORNIA, THE  
1111 FRANKLIN STREET  
OAKLAND, CALIFORNIA 94067-5200

SERIAL NUMBER: 10026362

FILING DATE: 12/21/2001  
ISSUE DATE:

PATENT NUMBER:

KIMBERLY WHITE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RECEIVED  
MAH 14 2003  
GROUP 1700

2960.54-3  
Hns:zr  
9/23/02

MAY 31 2002

JCS



102129571

PATENTS

FEB 21 2003

IEEE

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Bernard D. Santarsiero

## Additional name(s) of conveying party(ies) attached?

 Yes  No

## 3. Nature of conveyance:

Assignment  
 Security Agreement  
 Other

Merger  
 Change of Name

Execution Date: April 1, 2002

## 2. Name and address of receiving party(ies):

Name: The Regents of the University of California

Street Address: 1111 Franklin Street

City/State/Zip: Oakland, CA 94067-5200

## Additional name(s) &amp; address(es) attached?

 Yes  No

RECEIVED

MAR 14 2003

GROUP 1700

## 4. Application number(s) or patent number(s): 10/026,362

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s): 10/026,362

B. Patent No.(s):

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Shirley x. Chen  
Internal Address: FH 1-2  
Wilson Sonsini Goodrich & Rosati  
650 Page Mill Road  
Palo Alto, CA 94304-1050

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41) ..... \$40.00

 Enclosed Authorized to be charged to deposit account8. Deposit account number: 23-2415  
(Attorney Docket No.: 22700-730)

## DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Shirley X. Chen, Reg. No. 44,608

Name of Person Signing

Signature

May 31, 2002

Date

Total number of pages including cover sheet, attachments, and document: [2]

06/19/2002 6TOM11 00000084 232415 10026362

01 FC:581

40.00 CH

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number

ASSIGNMENT OF APPLICATION				Docket Number 22700-730																						
<p>Whereas, the undersigned:</p> <table> <tr> <td>1. Santarsiero, Bernard D. Chicago, IL</td> <td>3. Schultz, Peter G. La Jolla, CA</td> <td>5. Yegian, Derek T. Oakland, CA</td> <td>7. Nordmeyer, Robert A. San Leandro, CA</td> </tr> <tr> <td>2. Stevens, Raymond C. La Jolla, CA</td> <td>4. Jaklevic, Joseph M. Lafayette, CA</td> <td>6. Cornell, Earl W. Antioch, CA</td> <td></td> </tr> </table> <p>hereinafter termed "Inventors", have invented certain new and useful improvements in</p> <p style="text-align: center;"><b>METHOD FOR SCREENING MICROCRYSTALLIZATIONS FOR CRYSTAL FORMATION</b></p> <p><input checked="" type="checkbox"/> for which an application for United States Patent was filed on <u>12/21/2001</u>, Application No. <u>10/026,362</u>.  <input type="checkbox"/> for which an application for a United States Patent was executed on _____, and</p> <p>WHEREAS, <u>The Regents of the University of California</u>, having a place of business at <u>1111 Franklin Street, Oakland, CA 94607-5200</u>, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.</p> <p>NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:</p> <p>1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.</p> <p>2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications thereto and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.</p> <p>3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.</p> <p>4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.</p> <p>IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:</p> <table> <tr> <td>Date: <u>1 April 2002</u></td> <td><u>Bernard D. SANTARSIERO</u></td> </tr> <tr> <td>Date: _____</td> <td><u>Raymond C. STEVENS</u></td> </tr> <tr> <td>Date: _____</td> <td><u>Peter G. SCHULTZ</u></td> </tr> <tr> <td>Date: _____</td> <td><u>Joseph M. JAKLEVIC</u></td> </tr> <tr> <td>Date: _____</td> <td><u>Derek T. YEGIAN</u></td> </tr> <tr> <td>Date: _____</td> <td><u>Earl W. CORNELL</u></td> </tr> <tr> <td>Date: _____</td> <td><u>Robert A. NORDMEYER</u></td> </tr> </table>					1. Santarsiero, Bernard D. Chicago, IL	3. Schultz, Peter G. La Jolla, CA	5. Yegian, Derek T. Oakland, CA	7. Nordmeyer, Robert A. San Leandro, CA	2. Stevens, Raymond C. La Jolla, CA	4. Jaklevic, Joseph M. Lafayette, CA	6. Cornell, Earl W. Antioch, CA		Date: <u>1 April 2002</u>	<u>Bernard D. SANTARSIERO</u>	Date: _____	<u>Raymond C. STEVENS</u>	Date: _____	<u>Peter G. SCHULTZ</u>	Date: _____	<u>Joseph M. JAKLEVIC</u>	Date: _____	<u>Derek T. YEGIAN</u>	Date: _____	<u>Earl W. CORNELL</u>	Date: _____	<u>Robert A. NORDMEYER</u>
1. Santarsiero, Bernard D. Chicago, IL	3. Schultz, Peter G. La Jolla, CA	5. Yegian, Derek T. Oakland, CA	7. Nordmeyer, Robert A. San Leandro, CA																							
2. Stevens, Raymond C. La Jolla, CA	4. Jaklevic, Joseph M. Lafayette, CA	6. Cornell, Earl W. Antioch, CA																								
Date: <u>1 April 2002</u>	<u>Bernard D. SANTARSIERO</u>																									
Date: _____	<u>Raymond C. STEVENS</u>																									
Date: _____	<u>Peter G. SCHULTZ</u>																									
Date: _____	<u>Joseph M. JAKLEVIC</u>																									
Date: _____	<u>Derek T. YEGIAN</u>																									
Date: _____	<u>Earl W. CORNELL</u>																									
Date: _____	<u>Robert A. NORDMEYER</u>																									



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE



TO BE BOCKETED

AUGUST 20, 2002

PTAS

WILSON SONSINI GOODRICH & ROSATI  
SHIRLEY X. CHEN  
650 PAGE MILL ROAD  
FH 1-2  
PALO ALTO, CA 94304-1050

Chief Information Officer  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)



\*102131141A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF  
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS  
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER  
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE  
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA  
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD  
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY  
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.  
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,  
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/31/2002

REEL/FRAME: 013001/0379

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

STEVENS, RAYMOND C.

DOC DATE: 05/20/2002

ASSIGNEE:

REGENTS OF THE UNIVERSITY OF  
CALIFORNIA, THE  
1111 FRANKLIN STREET  
OAKLAND, CALIFORNIA 94067-5200

TO BE BOCKETED

SERIAL NUMBER: 10026362

FILING DATE: 12/21/2001

PATENT NUMBER:

ISSUE DATE:

TONYA LEE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

2960.54-3  
9/26/2002  
Jm Peters



FORM PTO-1595

06-21-2002



RECORD

102131140

U.S. DEPARTMENT OF COMMERCE

1-31-92

## PATENTS ONLY

Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Derek T. Yegian

5-31-02

Additional name(s) of conveying party(ies) attached?

 Yes  No

## 3. Nature of conveyance:

 Assignment  
 Security Agreement  
 Other Merger  
 Change of Name

Execution Date: March 27, 2002

## 2. Name and address of receiving party(ies):

Name: The Regents of the University of California

Street Address: 1111 Franklin Street

City/State/Zip: Oakland, CA 94067-5200

Additional name(s) &amp; address(es) attached?

 Yes  No

## 4. Application number(s) or patent number(s): 10/026,362

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s): 10/026,362

B. Patent No.(s):

MAR 14 2003

Additional numbers attached?  Yes  No

GROUP 1700

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Shirley X. Chen  
Internal Address: FH 1-2  
Wilson Sonsini Goodrich & Rosati  
650 Page Mill Road  
Palo Alto, CA 94304-1050

## 6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41) ..... \$40.00

 Enclosed  
 Authorized to be charged to deposit account8. Deposit account number: 23-2415  
(Attorney Docket No.: 22700-730)

## DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Shirley X. Chen, Reg. No. 44,608

Name of Person Signing

Signature

May 31, 2002

Date

Total number of pages including cover sheet, attachments, and document: [2]

06/21/2002 DBYRME 0000003 232415 10026362  
01 FC:581 40.00 CH

ASSIGNMENT OF APPLICATION

Docket Number 22700-730

Whereas, the undersigned:

- |   |   |                                    |  |
|---|---|------------------------------------|--|
| 1. Santarsiero, Bernard D.<br>Chicago, IL | 3. Schultz, Peter G.<br>La Jolla, CA    | 5. Yegian, Derek T.<br>Oakland, CA | 7. Nordmeyer, Robert A.<br>San Leandro, CA |
| 2. Stevens, Raymond C.<br>La Jolla, CA    | 4. Jaklevic, Joseph M.<br>Lafayette, CA | 6. Cornell, Earl W.<br>Antioch, CA |  |

hereinafter termed "Inventors", have invented certain new and useful improvements in

METHOD FOR SCREENING MICROCRYSTALLIZATIONS FOR CRYSTAL FORMATION

- for which an application for United States Patent was filed on 12/21/2001, Application No. 10/026,362  
 for which an application for a United States Patent was executed on       , and

WHEREAS, The Regents of the University of California, having a place of business at 1111 Franklin Street, Oakland, CA 94607-5200, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:

Date: \_\_\_\_\_

Bernard D. SANTARSIERO

Date: \_\_\_\_\_

Raymond C. STEVENS

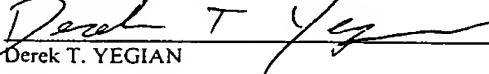
Date: \_\_\_\_\_

Peter G. SCHULTZ

Date: \_\_\_\_\_

Joseph M. JAKLEVIC

Date: 03/27/2002

  
Derek T. YEGIAN

Date: \_\_\_\_\_

Earl W. CORNELL

Date: \_\_\_\_\_

Robert A. NORDMEYER



AUGUST 20, 2002

PTAS

WILSON SONSINI GOODRICH & ROSATI  
SHIRLEY X. CHEN  
650 PAGE MILL ROAD  
FH 1-2  
PALO ALTO, CA 94304-1050

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)



\*102131138A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF  
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS  
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER  
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE  
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA  
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD  
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY  
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.  
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,  
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/31/2002

REEL/FRAME: 012996/0868

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

SCHULTZ, PETER G.

DOC DATE: 04/03/2002

ASSIGNEE:

REGENTS OF THE UNIVERSITY OF  
CALIFORNIA, THE  
1111 FRANKLIN STREET  
OAKLAND, CALIFORNIA 94067-5200

SERIAL NUMBER: 10026362

FILING DATE: 12/21/2001

PATENT NUMBER:

ISSUE DATE:

DOROTHY BASMA, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

296J. 54-3

MP  
9/23/02

RECEIVED  
MAR 14 2003  
GROUP 1700

06-21-2002

FEB 21 2003

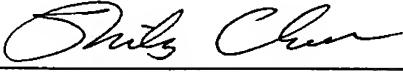
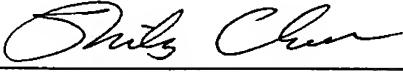
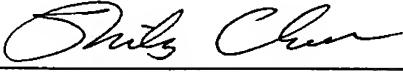
U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

MAY 31 2002

102131138

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Peter G. Schultz <i>5-31-02</i></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment      <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement      <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other         </p> <p>Execution Date: <u>April 3, 2002</u></p>		<p>2. Name and address of receiving party(ies):  <b>Name:</b> The Regents of the University of California  <b>Street Address:</b> 1111 Franklin Street  <b>City/State/Zip:</b> Oakland, CA 94067-5200  <b>Additional name(s) &amp; address(es) attached?</b>  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No         </p>										
<p>4. Application number(s) or patent number(s): 10/026,362</p> <p>If this document is being filed together with a new application, the execution date of the application is:</p> <table border="1"> <tr> <td>A. Patent Application No.(s): 10/026,362</td> <td>B. Patent No.(s):</td> </tr> <tr> <td colspan="2">           Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No         </td> </tr> <tr> <td colspan="2">           5. Name and address of party to whom correspondence concerning document should be mailed:  <b>Name:</b> Shirley X. Chen  <b>Internal Address:</b> FH 1-2  <b>Wilson Sonsini Goodrich &amp; Rosati</b>  <b>650 Page Mill Road</b>  <b>Palo Alto, CA 94304-1050</b> </td> </tr> <tr> <td colspan="2">           6. Total number of applications and patents involved: [1] <i>MAR 14 2003</i>            7. Total fee (37 CFR 3.41) ..... <i>GROUP 1700</i>  <input type="checkbox"/> Enclosed  <input checked="" type="checkbox"/> Authorized to be charged to deposit account         </td> </tr> <tr> <td colspan="2">           8. Deposit account number: <u>23-2415</u>            (Attorney Docket No.: 22700-730)         </td> </tr> </table>			A. Patent Application No.(s): 10/026,362	B. Patent No.(s):	Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		5. Name and address of party to whom correspondence concerning document should be mailed: <b>Name:</b> Shirley X. Chen <b>Internal Address:</b> FH 1-2 <b>Wilson Sonsini Goodrich &amp; Rosati</b> <b>650 Page Mill Road</b> <b>Palo Alto, CA 94304-1050</b>		6. Total number of applications and patents involved: [1] <i>MAR 14 2003</i> 7. Total fee (37 CFR 3.41) ..... <i>GROUP 1700</i> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account		8. Deposit account number: <u>23-2415</u> (Attorney Docket No.: 22700-730)	
A. Patent Application No.(s): 10/026,362	B. Patent No.(s):											
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No												
5. Name and address of party to whom correspondence concerning document should be mailed: <b>Name:</b> Shirley X. Chen <b>Internal Address:</b> FH 1-2 <b>Wilson Sonsini Goodrich &amp; Rosati</b> <b>650 Page Mill Road</b> <b>Palo Alto, CA 94304-1050</b>												
6. Total number of applications and patents involved: [1] <i>MAR 14 2003</i> 7. Total fee (37 CFR 3.41) ..... <i>GROUP 1700</i> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account												
8. Deposit account number: <u>23-2415</u> (Attorney Docket No.: 22700-730)												
<b>DO NOT USE THIS SPACE</b>												
<p>9. Statement and signature.  <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: left; padding-bottom: 5px;">           Shirley X. Chen, Reg. No. 44,608         </td> <td style="width: 33%; text-align: center; padding-bottom: 5px;">  </td> <td style="width: 33%; text-align: right; padding-bottom: 5px;">           May 31, 2002         </td> </tr> <tr> <td style="width: 33%; text-align: left; padding-bottom: 5px;">           Name of Person Signing         </td> <td style="width: 33%; text-align: center; padding-bottom: 5px;">           Signature         </td> <td style="width: 33%; text-align: right; padding-bottom: 5px;">           Date         </td> </tr> <tr> <td colspan="3" style="text-align: center; padding-top: 5px;">           Total number of pages including cover sheet, attachments, and document: [2]         </td> </tr> </table>			Shirley X. Chen, Reg. No. 44,608		May 31, 2002	Name of Person Signing	Signature	Date	Total number of pages including cover sheet, attachments, and document: [2]			
Shirley X. Chen, Reg. No. 44,608		May 31, 2002										
Name of Person Signing	Signature	Date										
Total number of pages including cover sheet, attachments, and document: [2]												

06/21/2002 DBYRNE 0000005 232415 10026362  
 01 FC:581 40.00 CH

## ASSIGNMENT OF APPLICATION

Filing Number 22700-730

Whereas, the undersigned:

- |   |   |                                    |  |
|---|---|------------------------------------|--|
| 1. Santarsiero, Bernard D.<br>Chicago, IL | 3. Schultz, Peter G.<br>La Jolla, CA    | 5. Yegian, Derek T.<br>Oakland, CA | 7. Nordmeyer, Robert A.<br>San Leandro, CA |
| 2. Stevens, Raymond C.<br>La Jolla, CA    | 4. Jaklevic, Joseph M.<br>Lafayette, CA | 6. Cornell, Earl W.<br>Antioch, CA |  |

hereinafter termed "Inventors", have invented certain new and useful improvements in

## METHOD FOR SCREENING MICROCRYSTALLIZATIONS FOR CRYSTAL FORMATION

- for which an application for United States Patent was filed on 12/21/2001, Application No. 10/026,362  
 for which an application for a United States Patent was executed on       , and

WHEREAS, The Regents of the University of California, having a place of business at 1111 Franklin Street, Oakland, CA 94607-5200, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:

Date: \_\_\_\_\_

Bernard D. SANTARSIERO

Date: \_\_\_\_\_

Raymond C. STEVENS

Date: 4/3/02

Peter G. SCHULTZ

Date: \_\_\_\_\_

Joseph M. JAKLEVIC

Date: \_\_\_\_\_

Derek T. YEGIAN

Date: \_\_\_\_\_

Earl W. CORNELL

Date: \_\_\_\_\_

Robert A. NORDMEYER



AUGUST 20, 2002

PTAS

WILSON SONSINI GOODRICH & ROSATI  
SHIRLEY X. CHEN  
650 PAGE MILL ROAD  
PALO ALTO, CA 94304-1050

Chief Information Officer  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)



\*102131139A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/31/2002

REEL/FRAME: 013001/0358

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

JAKLEVIC, JOSEPH M

DOC DATE: 04/03/2002

ASSIGNEE:

REGENTS OF THE UNIVERSITY OF  
CALIFORNIA, THE  
1111 FRANKLIN STREET  
OAKLAND, CALIFORNIA 94067-5200

SERIAL NUMBER: 10026362

FILING DATE: 12/21/2001

PATENT NUMBER:

ISSUE DATE:

RECEIVED  
MAR 14 2003  
GROUP 1700

TONYA LEE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

1700  
2960.5f-3  
9/23/02

06-21-2002



FORM PTO-1595

1-31-92

RECOR

MAY 31 2002

102131139  
MAILED ONLY

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Joseph M. Jaklevic

5-31-02

## Additional name(s) of conveying party(ies) attached?

 Yes  No

## 3. Nature of conveyance:

Assignment  
 Security Agreement  
 Other

Merger  
 Change of Name

Execution Date: April 3, 2002

## 2. Name and address of receiving party(ies):

Name: The Regents of the University of California

Street Address: 1111 Franklin Street

City/State/Zip: Oakland, CA 94067-5200

## Additional name(s) &amp; address(es) attached?

 Yes  No

## 4. Application number(s) or patent number(s): 10/026,362

RECEIVED

If this document is being filed together with a new application, the execution date of the application is:

MAR 14 2003

A. Patent Application No.(s): 10/026,362

B. Patent No.(s):

GROUP 1700

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Shirley X. Chen  
Internal Address: FH 1-2  
Wilson Sonsini Goodrich & Rosati  
650 Page Mill Road  
Palo Alto, CA 94304-1050

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41) ..... \$40.00

Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number: 23-2415  
(Attorney Docket No.: 22700-730)

## DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Shirley X. Chen, Reg. No. 44,608

Name of Person Signing

Signature

May 31, 2002

Date

Total number of pages including cover sheet, attachments, and document: [2]

06/21/2002 DBYRNE 00000004 232415 10026362

01 FC:581 40.00 CH

ASSIGNMENT OF APPLICATION

Docket Number 22700-730

Whereas, the undersigned:

- |   |   |                                    |  |
|---|---|------------------------------------|--|
| 1. Santarsiero, Bernard D.<br>Chicago, IL | 3. Schultz, Peter G.<br>La Jolla, CA    | 5. Yegian, Derek T.<br>Oakland, CA | 7. Nordmeyer, Robert A.<br>San Leandro, CA |
| 2. Stevens, Raymond C.<br>La Jolla, CA    | 4. Jaklevic, Joseph M.<br>Lafayette, CA | 6. Cornell, Earl W.<br>Antioch, CA |  |

hereinafter termed "Inventors", have invented certain new and useful improvements in

METHOD FOR SCREENING MICROCRYSTALLIZATIONS FOR CRYSTAL FORMATION

- for which an application for United States Patent was filed on 12/21/2001, Application No. 10/026,362  
 for which an application for a United States Patent was executed on       , and

WHEREAS, The Regents of the University of California, having a place of business at 1111 Franklin Street, Oakland, CA 94607-5200, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:

Date: \_\_\_\_\_

Bernard D. SANTARSIERO

Date: \_\_\_\_\_

Raymond C. STEVENS

Date: \_\_\_\_\_

Peter G. SCHULTZ

Date: 04/03/02

Joseph M. JAKLEVIC

Date: \_\_\_\_\_

Derek T. YEGIAN

Date: \_\_\_\_\_

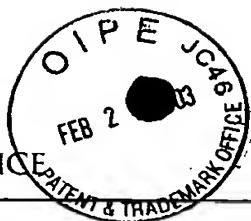
Earl W. CORNELL

Date: \_\_\_\_\_

Robert A. NORDMEYER



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE



AUGUST 20, 2002

PTAS

WILSON SONSINI GOODRICH ET AL.  
SHIRLEY X. CHEN  
650 PAGE MILL ROAD  
FH 1-2  
PALO ALTO, CA 94304-1050

Chief Information Officer  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)



\*102131140A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/31/2002

REEL/FRAME: 013001/0441

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

YEGIAN, DEREK T.

DOC DATE: 03/27/2002

ASSIGNEE:

CALIFORNIA, THE REGENT OF THE  
UNIVERSITY OF  
1111 FRANKLIN STREET  
OAKLAND, CALIFORNIA 94067-5200

SERIAL NUMBER: 10026362

FILING DATE: 12/21/2001

PATENT NUMBER:

ISSUE DATE:

RECEIVED  
MAR 14 2003  
GROUP 1700

TO BE DOCKETED

VIOLET MCCOY, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

2960.54-3

9/26/02

HHP/bs

MAY 31 2002

RECC

PATENT & TRADEMARK OFFICE  
U.S. DEPARTMENT OF COMMERCE

06-21-2002



102131141

FEB 24 2003

P A T E N T &amp; T R A D E M A R K O F F I C E

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Raymond C. Stevens

5-31-02

Additional name(s) of conveying party(ies) attached?

 Yes  No

## 3. Nature of conveyance:

Assignment  
 Security Agreement  
 Other

Merger  
 Change of Name

Execution Date: May 20, 2002

## 2. Name and address of receiving party(ies):

Name: The Regents of the University of California

Street Address: 1111 Franklin Street

City/State/Zip: Oakland, CA 94067-5200

Additional name(s) &amp; address(es) attached?

 Yes  No

## 4. Application number(s) or patent number(s): 10/026,362

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s): 10/026,362

B. Patent No.(s):

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Shirley X. Chen  
Internal Address: FH 1-2  
Wilson Sonsini Goodrich & Rosati  
650 Page Mill Road  
Palo Alto, CA 94304-1050

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41) ..... \$40.00

Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number: 23-2415  
(Attorney Docket No.: 22700-730)

## DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Shirley X. Chen, Reg. No. 44,608

Name of Person Signing

Signature

May 31, 2002

Date

Total number of pages including cover sheet, attachments, and document: [2]

06/21/2002 DBYRNE 00000006 232415 10026362  
01 FC:581 40.00 CH

RECEIVED  
MAR 14 2003  
GROUP 1700

Under the Paperwork Reduction Act of 1995, persons are required to respond to a collection of information unless it displays a valid OMB control number.

## ASSIGNMENT OF APPLICATION

Docket Number 22700-730

Whereas, the undersigned:

- |   |   |                                    |  |
|---|---|------------------------------------|--|
| 1. Santarsiero, Bernard D.<br>Chicago, IL | 3. Schultz, Peter G.<br>La Jolla, CA    | 5. Yegian, Derek T.<br>Oakland, CA | 7. Nordmeyer, Robert A.<br>San Leandro, CA |
| 2. Stevens, Raymond C.<br>La Jolla, CA    | 4. Jaklevic, Joseph M.<br>Lafayette, CA | 6. Cornell, Earl W.<br>Antioch, CA |  |

hereinafter termed "Inventors", have invented certain new and useful improvements in

## METHOD FOR SCREENING MICROCRYSTALLIZATIONS FOR CRYSTAL FORMATION

- for which an application for United States Patent was filed on 12/21/2001, Application No. 10/026,362  
 for which an application for a United States Patent was executed on       , and

WHEREAS, The Regents of the University of California, having a place of business at 1111 Franklin Street, Oakland, CA 94607-5200, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:

Date: \_\_\_\_\_

Bernard D. SANTARSIERODate: 5/20/02Raymond C. STEVENS

Date: \_\_\_\_\_

Peter G. SCHULTZ

Date: \_\_\_\_\_

Joseph M. JAKLEVIC

Date: \_\_\_\_\_

Derek T. YEGIAN

Date: \_\_\_\_\_

Earl W. CORNELL

Date: \_\_\_\_\_

Robert A. NORDMEYER



AUGUST 20, 2002

PTAS

WILSON SONSINI GOODRICH & ET AL.  
SHIRLEY X. CHEN  
650 PAGE MILL ROAD  
FH 1-2  
PALO ALTO, CA 94304-1050

Chief Information Officer  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)



\*102131136A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/31/2002

REEL/FRAME: 013001/0360  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CORNELL, EARL W.

DOC DATE: 03/28/2002

ASSIGNEE:

REGENTS OF THE UNIVERSITY OF  
CALIFORNIA, THE  
1111 FRANKLIN STREET  
OAKLAND, CALIFORNIA 94067-5200

RECEIVED  
MAR 14 2003  
GROUP 1700

SERIAL NUMBER: 10026362

FILING DATE: 12/21/2001  
ISSUE DATE:

PATENT NUMBER:

SAUNDRA BALLINGER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

2960.84.3

mm/ret  
1/23/02



06-21-2002

FORM PTO-1595

PATENT & TRADEMARK OFFICE  
U. S. GOVERNMENT

RECORDA

102131136

I-31-92

PATENTS ONLY

U. S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  Earl W. Cornell <b>5-31-02</b>		2. Name and address of receiving party(ies):  Name: The Regents of the University of California Street Address: 1111 Franklin Street City/State/Zip: Oakland, CA 94067-5200
Additional name(s) of conveying party(ies) attached?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Additional name(s) & address(es) attached?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other		
Execution Date: <u>March 28, 2002</u>		
4. Application number(s) or patent number(s): 10/026,362		
If this document is being filed together with a new application, the execution date of the application is:		
A. Patent Application No.(s): 10/026,362		B. Patent No.(s):
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Shirley X. Chen Internal Address: FH 1-2 Wilson Sonsini Goodrich & Rosati 650 Page Mill Road Palo Alto, CA 94304-1050		6. Total number of applications and patents involved: [1]
		7. Total fee (37 CFR 3.41) ..... <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account
		8. Deposit account number: <u>23-2415</u> (Attorney Docket No.: 22700-730)

## DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Shirley X. Chen, Reg. No. 44,608

Name of Person Signing

Signature

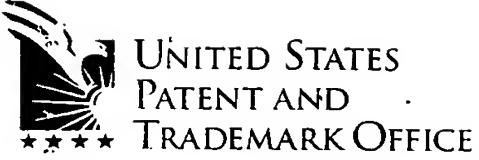
May 31, 2002

Date

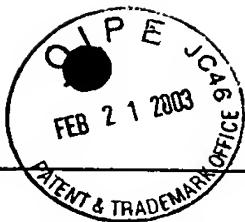
Total number of pages including cover sheet, attachments, and document: [2]

06/21/2002 DBYRME 00000002 232415 10026362  
01 FC:581 40.00 CHRECEIVED  
MAR 14 2003  
GROUP 1700

ASSIGNMENT OF APPLICATION				Docket Number 22700-730
Whereas, the undersigned:				
1. Santarsiero, Bernard D. Chicago, IL	3. Schultz, Peter G. La Jolla, CA	5. Yegian, Derek T. Oakland, CA	7. Nordmeyer, Robert A. San Leandro, CA	
2. Stevens, Raymond C. La Jolla, CA	4. Jaklevic, Joseph M. Lafayette, CA	6. Cornell, Earl W. Antioch, CA		
hereinafter termed "Inventors", have invented certain new and useful improvements in				
<b>METHOD FOR SCREENING MICROCRYSTALLIZATIONS FOR CRYSTAL FORMATION</b>				
<input checked="" type="checkbox"/> for which an application for United States Patent was filed on <u>12/21/2001</u> , Application No. <u>10/026,362</u> <input type="checkbox"/> for which an application for a United States Patent was executed on <u>      </u> , and				
WHEREAS, The Regents of the University of California, having a place of business at <u>1111 Franklin Street, Oakland, CA 94607-5200</u> , (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.				
NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:				
1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.				
2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.				
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.				
4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.				
IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:				
Date: _____	Bernard D. SANTARSIERO			
Date: _____	Raymond C. STEVENS			
Date: _____	Peter G. SCHULTZ			
Date: _____	Joseph M. JAKLEVIC			
Date: _____	Derek T. YEGIAN			
Date: <u>3/28/02</u>	Earl W. CORNELL			
Date: _____	Robert A. NORDMEYER			



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE



AUGUST 20, 2002

PTAS

WILSON SONSINI GOODRICH, ET AL.  
SHIRLEY X. CHEN  
650 PAGE MILL ROAD  
PALO ALTO, CA 94304-1050

Chief Information Officer  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)



\*102131137A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/31/2002

REEL/FRAME: 013001/0356

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

NORDMEYER, ROBERT A.

DOC DATE: 03/27/2002

ASSIGNEE:

THE REGENTS OF THE UNIVERSITY OF  
CALIFORNIA  
111 FRANKLIN STREET  
OAKLAND, CALIFORNIA 94067-5200

SERIAL NUMBER: 10026362

FILING DATE: 12/21/2001

PATENT NUMBER:

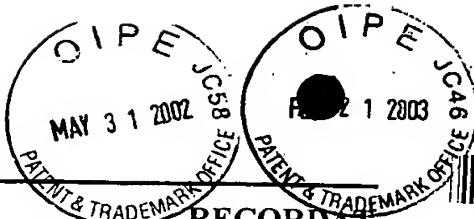
ISSUE DATE:

RECEIVED  
MAR 14 2003  
GROUP 1700

SHARON BROOKS, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

2460.54-3

7/23/02



06-21-2002

RECORDATION

102131137

PATENTS ONLY

1-31-92

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Robert A. Nordmeyer <i>5-31-02</i>		2. Name and address of receiving party(ies): Name: The Regents of the University of California Street Address: 1111 Franklin Street
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		City/State/Zip: Oakland, CA 94067-5200
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Execution Date: <u>March 27, 2002</u>		
4. Application number(s) or patent number(s): 10/026,362		
If this document is being filed together with a new application, the execution date of the application is:		
A. Patent Application No.(s): <u>10/026,362</u>		B. Patent No.(s):
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Shirley X. Chen Internal Address: FH 1-2 Wilson Sonsini Goodrich & Rosati 650 Page Mill Road Palo Alto, CA 94304-1050		6. Total number of applications and patents involved: [1]
		7. Total fee (37 CFR 3.41) ..... <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account
		8. Deposit account number: <u>23-2415</u> (Attorney Docket No.: 22700-730)

## DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Shirley X. Chen, Reg. No. 44,608

Name of Person Signing

Signature

May 31, 2002

Date

Total number of pages including cover sheet, attachments, and document: [2]

06/21/2002 DBYRME 0000001 232415 10026362

01 FC:581

40.00 CH

RECEIVED  
MAR 14 2003  
GROUP 1700

ASSIGNMENT OF APPLICATION

Docket Number 22700-730

Whereas, the undersigned:

- |   |   |                                    |  |
|---|---|------------------------------------|--|
| 1. Santarsiero, Bernard D.<br>Chicago, IL | 3. Schultz, Peter G.<br>La Jolla, CA    | 5. Yegian, Derek T.<br>Oakland, CA | 7. Nordmeyer, Robert A.<br>San Leandro, CA |
| 2. Stevens, Raymond C.<br>La Jolla, CA    | 4. Jaklevic, Joseph M.<br>Lafayette, CA | 6. Cornell, Earl W.<br>Antioch, CA |  |

hereinafter termed "Inventors", have invented certain new and useful improvements in

METHOD FOR SCREENING MICROCRYSTALLIZATIONS FOR CRYSTAL FORMATION

- for which an application for United States Patent was filed on 12/21/2001, Application No. 10/026,362  
 for which an application for a United States Patent was executed on        and

WHEREAS, The Regents of the University of California, having a place of business at 1111 Franklin Street, Oakland, CA 94607-5200, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:

Date: \_\_\_\_\_

Bernard D. SANTARSIERO

Date: \_\_\_\_\_

Raymond C. STEVENS

Date: \_\_\_\_\_

Peter G. SCHULTZ

Date: \_\_\_\_\_

Joseph M. JAKLEVIC

Date: \_\_\_\_\_

Derek T. YEGIAN

Date: \_\_\_\_\_

Earl W. CORNELL

Date: 5/27/02

Robert A. NORDMEYER